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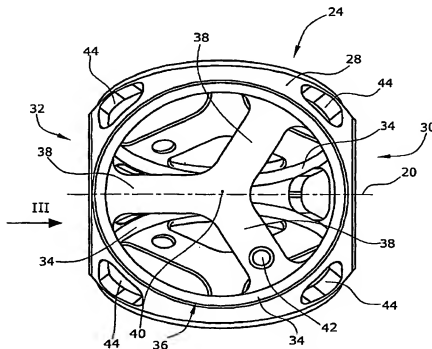
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(54) Title: **REINFORCED HUB FOR THE ROTOR OF A WIND ENERGY TURBINE**



(57) Abstract: The hub for the rotor (22) of a wind energy turbine (10) comprises a hollow body (28) rotatable around a rotation axis and provided with at least one flange (34) for mounting to the hollow body (28) a bearing for a rotor blade (26) and at least two stiffening webs (38) integrally formed with the hollow body (28) and radially extending within a flange area (36) of the hollow body (28) surrounded by the flange (34) to the center (40) of the flange area (36), wherein at least two openings are provided within the flange area (36) of the hollow body (28).

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# INTERNATIONAL SEARCH REPORT

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**A. CLASSIFICATION OF SUBJECT MATTER**  
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According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 F03D 864C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01 42647 A (SCHERER RALF ROGER ;HEERKES HENDRIK JAN (NL); AERFAC HOLDING B V ( ) 14 June 2001 (2001-06-14) abstract page 10, line 33 - line 36; figures 4,11 ---	1-16
A	US 4 863 352 A (HAUSER AMBROSE A ET AL) 5 September 1989 (1989-09-05) abstract column 2, line 34 - line 37; figures 2,3 ---	1
A	US 4 668 109 A (BASSO ROBERT J) 26 May 1987 (1987-05-26) column 2, line 49 - line 57; figures 2,3 ---	1
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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A	US 4 112 693 A (COLLIN ALVARO L ET AL) 12 September 1978 (1978-09-12) abstract; figures	1
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Information on patent family members

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